

RACE			
TRACK			
NAME		DATE	

LAPS		BEST LAP TIME	
QUALIFYING POSITION		FINAL POSITION	

TRACK SIZE ☐ OPEN ☐ MEDIUM ☐ TIGHT

TRACK TRACTION ☐ HIGH ☐ MEDIUM ☐ LOW

TRACK SURFACE ☐ SMOOTH ☐ MEDIUM ☐ BUMPY

☐ TRACK TYPE ☐ HARD PACKED ☐ SOFT DIRT ☐ CLAY

<input type="checkbox"/> CARPET	<input type="checkbox"/> BLUE GROOVE	<input type="checkbox"/> ASTRO TURF	<input type="checkbox"/> GRASS
TRACK CONDITION			
<input type="checkbox"/> DRY	<input type="checkbox"/> DUSTY	<input type="checkbox"/> WET	<input type="checkbox"/> MUD

DIFFERENTIAL TYPE		
FRONT ↓	MIDDLE ↓	REAR ↓
GEAR DIFF <input type="checkbox"/>	GEAR DIFF <input type="checkbox"/>	GEAR DIFF <input type="checkbox"/>
BALL DIFF <input type="checkbox"/>	SLIPPER <input type="checkbox"/>	BALL DIFF <input type="checkbox"/>
OIL <input type="checkbox"/> cst	OIL <input type="checkbox"/> cst	OIL <input type="checkbox"/> cst









SATELLITE GEARS		
COMPOSITE <input type="checkbox"/>	COMPOSITE <input type="checkbox"/>	COMPOSITE <input type="checkbox"/>
STEEL <input type="checkbox"/>	STEEL <input type="checkbox"/>	STEEL <input type="checkbox"/>

CROWN GEAR		
COMPOSITE <input type="checkbox"/>	COMPOSITE <input type="checkbox"/>	COMPOSITE <input type="checkbox"/>
STEEL <input type="checkbox"/>	STEEL <input type="checkbox"/>	STEEL <input type="checkbox"/>
ALU <input type="checkbox"/>	ALU <input type="checkbox"/>	ALU <input type="checkbox"/>

Diagram illustrating the components of a gear mesh:

- PINION** (Gray shaded area)
- GEAR** (White area)
- COMPOSITE** (Top section of the gear)
- STEEL** (Bottom section of the gear)

GEARING			
PINION	T	SPUR GEAR	T

FRONT		SHOCKS		REAR	
		SPRINGS			
cSt		OIL		cSt	
%		REBOUND		%	
mm		DOWNSTOP SHIM		mm	
YES <input type="checkbox"/> <input type="checkbox"/> NO		UPSTOP TRAVEL ORING		YES <input type="checkbox"/> <input type="checkbox"/> NO	
		PISTONS			
<input type="checkbox"/> 2 HOLES 		<input type="checkbox"/> ø1.0mm <input type="checkbox"/>		 2 HOLES <input type="checkbox"/>	
<input type="checkbox"/> 3 HOLES 		<input type="checkbox"/> ø1.1mm <input type="checkbox"/>		 3 HOLES <input type="checkbox"/>	
<input type="checkbox"/> 6 HOLES 		<input type="checkbox"/> ø1.2mm <input type="checkbox"/>		 6 HOLES <input type="checkbox"/>	
		<input type="checkbox"/> ø1.3mm <input type="checkbox"/>			
		<input type="checkbox"/> ø1.4mm <input type="checkbox"/>			
		CUSTOM PISTONS			
<input type="text"/> HOLES 		<input type="text"/> mm <input type="text"/> mm		 <input type="text"/> HOLES	

FRONT	ANTI ROLL BAR	REAR
<div><div></div><div>mm</div></div>	<div><div></div><div>THICKNESS</div></div>	<div><div></div><div>mm</div></div>

FRONT	TIRES	REAR
	TYPE	
	INSERTS	
	WHEELS	

ELECTRONICS			
MOTOR			SPEEDO
TIMING			BATTERIES

ELECTRONICS LAYOUT		
SERVO POSITION	LEFT <input type="checkbox"/> <input type="checkbox"/>	RIGHT
MOTOR POSITION	FRONT <input type="checkbox"/> <input type="checkbox"/>	REAR
SPEEDO POSITION	LEFT <input type="checkbox"/> <input type="checkbox"/>	RIGHT
RECEIVER POSITION	LEFT <input type="checkbox"/> <input type="checkbox"/>	RIGHT
BATTERY TYPE	SADDLE PACK <input type="checkbox"/> <input type="checkbox"/>	SHORT

COMMENTS	

FRONT

STEERING BLOCK
 COMPOSITE ☐
 ALU ☐

LONGER BUSHINGS
 UP ☐
 DOWN ☐

SHIM
 mm

UPPER SHOCK POSITION

FRONT ROLL CENTER

LOWER SHOCK POSITION

DOWNSTOP
 mm

REAR

SHIM
 mm

CAMBER LINK LOCATION

REAR ROLL CENTER

CAMBER LINK LOCATION

HUB POSITION

LOWER SHOCK POSITION

DOWNSTOP
 mm

OPTIONAL ALU REAR UPRIGHT
 RIGHT #363351
 LEFT #363352

HUDY
 #107711 SUPPORT BLOCKS

#107711 GAUGE

#107711 GAUGE

FRONT

OFFSET
 STANDARD ☐
 +0.75mm ☐
 -0.75mm ☐

CASTER
 6° ☐
 9° ☐

CASTER BLOCK
 COMPOSITE ☐
 ALU ☐

BUMP STEER SHIM
 mm

SHOCK TOWER POSITION
 FRONT ☐ REAR ☐

SHOCK POSITION
 FRONT ☐ REAR ☐

WING TYPE
 STANDARD ☐

WING CUTTING LINE
 + ☐ 0 ☐ - ☐

UPRIGHT WHEELBASE SHIM
 0mm ☐ ☐ 2mm

IN FRONT OF ARM

REAR

WING TYPE
 STANDARD ☐

WING CUTTING LINE
 + ☐ 0 ☐ - ☐

OFFSET
 STANDARD ☐
 +0.75mm ☐
 -0.75mm ☐

FF

FR

ROLL CENTER
ECCENTRIC BUSHINGS

1°
0.5°

1°
0.5°

RF





RR

2mm 0mm

ALU
BRASS

ALU
BRASS

The diagram illustrates the front and rear chassis components and their assembly options. On the left, the front chassis is shown with labels for 'FRONT TOE', 'ARM SHIM', 'STEERING BRACE', 'BUMP STEER SHIM', 'SHIM UNDER STEERING PLATE', 'SERVO SAVER', 'FRONT TOP DECK', and 'ACKERMANN POSITION'. On the right, the rear chassis is shown with labels for 'REAR TOE', 'ARM SHIM', 'REAR TOP DECK', and 'REAR'. The diagram includes various adjustment points and options, such as 'OUT' and 'IN' for toe, 'SOFT', 'MEDIUM', and 'TIGHT' for the servo saver, and 'STANDARD' and 'NO' for the top decks. The 'ACKERMANN POSITION' is also indicated for the front steering assembly.

FRONT CAMBER		SHOCK PRELOAD		SHOCK PRELOAD		REAR CAMBER	
							
FRONT ARM STANDARD <input type="checkbox"/>						REAR ARM STANDARD <input type="checkbox"/>	
GRAPHITE ARM STIFFENERS YES <input type="checkbox"/> NO <input type="checkbox"/>		RIDE HEIGHT <input type="text"/> mm #107720 GAUGE		RIDE HEIGHT <input type="text"/> mm #107720 GAUGE		GRAPHITE ARM STIFFENERS YES <input type="checkbox"/> NO <input type="checkbox"/>	

FRONT

REAR

CHASSIS FLEX

SCREW USED

SCREW NOT USED

BALANCE

g

CHASSIS

STANDARD

BALANCE

g

CHASSIS PLATE

YES

NO

SIDE GUARDS

STANDARD

HARD

BALANCE

g

FRONT

REAR